

Clermont	17					
Cocoa	*30,	51				
Daytona Beach	11,	49				
Fort Lauderdale	52c					
Fort Myers	15,	*31c,	53			
Fort Pierce	*38,	50				
Fort Walton Beach	25,	40,	49			
Gainesville	16,	*36				
High Springs	28					
Hollywood	47					
Jacksonville	13c,	19,	32,	34,	*38,	42,
	*44					
Key West	3,	12				
Lake Worth	36					
Lakeland	19					
Leesburg	40,	*46c				
Live Oak	48					
Melbourne	20,	48				
Miami	8c,	9,	*18c,	19,	*20,	22c,
	24c,	26,	30,	32,	46c	
Naples	41,	45				
New Smyrna Beach	*33					
Ocala	31					
Orange Park	10					
Orlando	14,	22,	*23,	39,	41,	58
Palm Beach	49					
Panama City	19,	29c,	*38,	42		
Panama City Beach	47c					
Pensacola	17,	*31,	34c,	45c		
Sarasota	52					
St. Petersburg	24,	57,	59			
Tallahassee	2,	22,	*32			
Tampa	7,	12,	29c,	*34,	47,	*54
Tequesta	16					
Tice	33					
Venice	25					
West Palm Beach	13c,	*27,	28,	55		

GEORGIA

Community	Channel No.
-----------	-------------

Albany	17, 30
--------	--------

Athens	*22,	48				
Atlanta	10,	19,	20,	*21,	25,	27,
	39,	*41,	43			
Augusta	30,	31,	42,	51		
Bainbridge	50c					
Baxley	35c					
Brunswick	24					
Chatsworth	*33					
Cochran	*7					
Columbus	15,	*23,	35,	47,	9	
Cordele	51					
Dalton	16					
Dawson	*26c					
Macon	16,	40,	45,	50		
Monroe	44					
Pelham	*20					
Perry	32					
Rome	51					
Savannah	15,	23c,	39,	*46		
Thomasville	52					
Toccoa	24					
Valdosta	43					
Waycross	*18					
Wrens	*36					

HAWAII

Community	Channel No.					
Hilo	8,	18,	*19,	21,	22,	23,
	*31,	*39c				
Honolulu	8,	*18,	19,	22,	23,	27c,
	31c,	33c,	35,	*39c,	40,	*43
Kailua Kona	25					
Kaneohe	41					
Lihue	*7c,	*12,	*28c,	*45		
Wailuku	16c,	20,	24,	*28c,	29,	*30,
	*34c,	36				

IOWA

Community	Channel No.
-----------	-------------

Ames	59				
Burlington	41				
Cedar Rapids	27,	47,	51,	52	
Council Bluffs	*33c				
Davenport	*34,	49,	56		
Des Moines	16,	19,	26,	31,	*50
Dubuque	43				
Fort Dodge	*25				
Iowa City	25,	*45			
Mason City	*18,	42			
Ottumwa	14				
Red Oak	*35				
Sioux City	*28c,	30,	39,	41,	49
Waterloo	*35,	55			

IDAHO

Community	Channel No.
Boise	*21, 26, 28
Caldwell	10c
Coeur D'alene	*45
Filer	*18
Idaho Falls	9c, 36
Lewiston	32
Moscow	*35
Nampa	24, 44
Pocaello	*17, 23
Twin Falls	16, *22, 34

ILLINOIS

Community	Channel No.
Aurora	59
Bloomington	28
Carbondale	*40
Champaign	41, 48
Charleston	*50
Chicago	3c, 19c, *21c, 27c, 29, 31, 43c, 45c, *47, 52
Decatur	18c, 22
East St. Louis	47c

Freeport	41				
Harrisburg	34				
Jacksonville	*15c				
Joliet	53				
Lasalle	10				
Macomb	*21				
Marion	17				
Moline	*23,	38			
Mount Vernon	21				
Olney	*19				
Peoria	30,	39,	40,	*46,	57
Quincy	32,	*34,	54		
Rock Island	58				
Rockford	16c,	42,	54		
Springfield	42,	44,	53		
Urbana	26,	*33			

INDIANA

Community	Channel No.				
Angola	12				
Bloomington	*14,	27,	53,	56	
Elkhart	58				
Evansville	28,	45c,	*54,	58,	59
Fort Wayne	4,	19,	24,	36,	*40c
Gary	*17,	51c			
Hammond	36				
Indianapolis	9c,	16,	*21c,	25,	*44,
	46				45,
Kokomo	54				
Lafayette	11				
Marion	32				
Muncie	52				
Richmond	39				
Salem	51c				
South Bend	30,	*35c,	42,	48	
Terre Haute	24,	36,	39c		
Vincennes	*52				

KANSAS

Community	Channel No.
-----------	-------------

Colby	17			
Esign	5			
Fort Scott	40			
Garden City	16,	18		
Goodland	14			
Great Bend	22			
Hays	*16,	20		
Hutchinson	19,	*29,	35	
Lakin	*23			
Lawrence	36			
Pittsburg	30			
Salina	17			
Topeka	*23,	28c,	44,	48
Wichita	21,	26,	31,	45

KENTUCKY

Community	Channel No.					
Ashland	*26c,	44				
Beattyville	7					
Bowling Green	16,	*18,	33,	*48		
Campbellsville	19					
Covington	*24					
Danville	4					
Elizabethtown	*43					
Harlan	51					
Hazard	12,	*16				
Lexington	22,	40,	*42,	59		
Louisville	8,	*17,	26,	*38,	47,	49,
	55					
Madisonville	20c,	*42				
Morehead	*15,	21				
Murray	*36					
Newport	29					
Owensboro	30					
Owenton	*44					
Paducah	32,	41,	50c			
Pikeville	*24					
Somerset	*14					

LOUISIANA

Community	Channel No.					
Alexandria	*26c,	32c,	35			
Baton Rouge	*25,	34c,	42.	45c,	46	
Columbia	57					
Lafayette	16c,	*23,	28.	56		
Lake Charles	*20,	30c,	53			
Monroe	*19,	55				
New Orleans	*11,	14,	15,	29,	30,	*31,
	40,	43,	50c			
Shreveport	17,	*25c,	28.	34c,	44	
Slidell	24					
West Monroe	36,	38				

MASSACHUSETTS

Community	Channel No.					
Adams	36					
Boston	*19,	20.	30.	31.	32.	39c,
	42,	*43				
Cambridge	41					
Lawrence	18					
Marlborough	23					
New Bedford	22,	49				
Norwell	52					
Springfield	11.	55.	*58c			
Vineyard Haven	40					
Worcester	29c,	*47				

MARYLAND

Community	Channel No.					
Annapolis	*42					
Baltimore	*29,	38.	40.	41.	46c,	52.
	59					
Frederick	*28					
Hagerstown	16.	*44.	55			
Oakland	*54					
Salisbury	21.	53.	*56			

MAINE

Community	Channel No.			
Augusta	*17			
Bangor	14,	19,	25	
Biddeford	*45			
Calais	*15			
Lewiston	28			
Orono	*22			
Poland Spring	46			
Portland	4,	38,	44	
Presque Isle	16,	*20		

MICHIGAN

Community	Channel No.					
Alpena	13,	*57				
Ann Arbor	33					
Bad Axe	*15					
Battle Creek	20,	44c				
Bay City	22					
Cadillac	40,	47,	*58			
Calumet	18					
Cheboygan	14					
Detroit	14,	21c,	41,	*43,	44,	45,
	58					
East Lansing	*55c					
Escanaba	48					
Flint	16,	36,	*52			
Grand Rapids	7,	*11,	19,	39		
Iron Mountain	22					
Jackson	34					
Kalamazoo	2,	*5,	45			
Lansing	38,	51c,	59			
Manistee	*17					
Marquette	*33,	3				
Mount Clemens	39c					
Mount Pleasant	*56					
Muskegon	24					
Onondaga	57					
Saginaw	30,	48				

Sault Ste. Marie	49,	56
Traverse City	31,	50
University Center	*18	
Vanderbilt	59	

MINNESOTA

Community	Channel No.
Alexandria	14, 24
Appleton	*31
Austin	*20, 33
Bemidji	*18
Brainerd	*28
Duluth	17, 33, *38, 43
Hibbing	36
Mankato	38
Minneapolis	21, 22, *26, 32, 35, *44
Redwood Falls	27
Rochester	36, 46
St. Cloud	40
St. Paul	*16, *34, 50
Thief River Falls	57
Walker	20
Worthington	*15

MISSOURI

Community	Channel No.
Cape Girardeau	22, 57
Columbia	22, 36
Hannibal	29
Jefferson City	12, 20
Joplin	*25, 43, 46
Kansas City	14, *18, 24, 31, 34, 42c, 47, 51c
Kirksville	33
Poplar Bluff	18
Sedalia	15
Springfield	19, *23, 28c, 44, 52
St. Joseph	21, 53
St. Louis	14, 26, 31c, 35, *39, 43,

MISSISSIPPI

Community	Channel No.				
Biloxi	*16,	39			
Booneville	*55				
Bude	*18c				
Columbus	35				
Greenville	17				
Greenwood	*25,	54			
Gulfport	48				
Hattiesburg	58				
Holly Springs	41c				
Jackson	*20,	21,	41c,	51,	52
Laurel	28				
Meridian	26,	31c,	*44,	49	
Mississippi State	*38				
Natchez	49c				
Oxford	*36				
Tupelo	57				
West Point	16				

MONTANA

Community	Channel No.			
Billings	11,	17,	18	
Bozeman	16,	*20		
Butte	2,	15,	19c	
Glendive	15			
Great Falls	39,	44,	45	
Hardin	22			
Helena	14,	29		
Kalispell	38			
Miles City	13			
Missoula	*27,	35,	36,	40

NORTH CAROLINA

Community	Channel No.
-----------	-------------

Asheville	*25,	45,	56,	57
Belmont	47c			
Burlington	14			
Chapel Hill	*59			
Charlotte	22,	23,	*24,	27, 34
Columbia	*20			
Concord	*44			
Durham	27,	52		
Fayetteville	36,	38		
Goldsboro	55			
Greensboro	33,	43,	51	
Greenville	10c,	21,	*23	
Hickory	40			
High Point	35			
Jacksonville	34,	*44		
Kannapolis	50			
Lexington	19			
Linville	*54			
Lumberton	*25			
Morehead City	24			
New Bern	48			
Raleigh	49,	53,	57	
Roanoke Rapids	*39			
Rocky Mount	15			
Washington	32			
Wilmington	*29,	30,	46,	54
Wilson	42			
Winston-salem	29,	31,	*32	

NORTH DAKOTA

Community	Channel No.			
Bismarck	16,	*22,	23,	31
Devils Lake	59			
Dickinson	18,	19,	*20	
Ellendale	*20c			
Fargo	19,	21,	*23,	58
Grand Forks	*56			
Jamestown	14			
Minot	15c,	45,	*57,	58
Pembina	15			
Valley City	38			

Williston 14, *51, 52

NEBRASKA

Community	Channel No.				
Albion	23				
Alliance	*24				
Bassett	*15				
Grand Island	19,	32			
Hastings	*14,	21			
Hayes Center	18				
Kearney	36				
Lexington	*26				
Lincoln	25,	31,	*40		
Mccook	12				
Merriman	*17				
Norfolk	*16				
North Platte	*16,	22			
Omaha	*17,	20,	22,	38,	43c, 45
Scottsbluff	20,	29			
Superior	34				

NEW HAMPSHIRE

Community	Channel No.				
Berlin	*15				
Concord	33				
Derry	35				
Durham	*57				
Keene	*49c				
Littleton	*48				
Manchester	59c				
Merrimack	34				

NEW JERSEY

Community	Channel No.				
Atlantic City	46,	49			
Burlington	27				
Camden	*22				

Linden	36
Montclair	*51c
New Brunswick	*18c
Newark	53c, 61
Newton	8c
Paterson	40
Secaucus	38
Trenton	*43
Vineland	66c
West Milford	*29
Wildwood	36

NEW MEXICO

Community	Channel No.
Albuquerque	16, *17, 21, 24c, *25, 26, 42c, 51c
Carlsbad	19
Clovis	20
Farmington	8, 17
Hobbs	16
Las Cruces	*23c, 36
Portales	*32
Roswell	28c, 35, 41
Santa Fe	10, 27, 29
Silver City	12

NEVADA

Community	Channel No.
Elko	8
Henderson	24
Las Vegas	2, 7, *11c, 16c, 17, 22c, 29
Paradise	40c
Reno	*15, 22c, 23, 26, 32, 34, 44
Winnemucca	12

NEW YORK

Community	Channel No.						
Albany	4,	15,	26				
Amsterdam	50						
Batavia	53						
Binghamton	4,	7,	8,	*42c			
Buffalo	14,	*32,	33,	34,	38,	39,	
	*43						
Carthage	35						
Corning	50						
Elmira	2,	55					
Garden City	*22c						
Jamestown	27c						
Kingston	21						
New York	*24,	28,	30,	33,	44,	45,	
	56c						
North Pole	14						
Norwood	*23						
Plattsburgh	*38						
Poughkeepsie	27						
Riverhead	57						
Rochester	*16,	28,	45,	58,	59		
Schenectady	*34,	39,	43				
Smithtown	23						
Springville	46						
Syracuse	17,	19c,	*25c,	44c,	47,	54	
Utica	27,	29,	30				
Watertown	21c,	*41					

OHIO

Community	Channel No.						
Akron	30,	*50c,	59				
Alliance	*46c						
Athens	*27						
Bowling Green	*56						
Cambridge	*35						
Canton	39,	47					
Chillicothe	46						
Cincinnati	10c,	31,	33,	*34,	35		
Cleveland	2,	15,	*26c,	31,	34		
Columbus	13,	14,	21,	36,	*38		

Dayton	30,	41,	50,	51,	*58
Lima	20,	47			
Lorain	28				
Mansfield	12				
Newark	24				
Oxford	*28				
Portsmouth	17,	*43c			
Sandusky	42c				
Shaker Heights	10				
Springfield	18				
Steubenville	57				
Toledo	5,	17,	19c,	*29,	46, 49c
Youngstown	20c,	36,	41		
Zanesville	40				

OKLAHOMA

Community	Channel No.					
Ada	26					
Bartlesville	15					
Cheyenne	*8					
Claremore	*36c					
Enid	18					
Eufaula	*31					
Lawton	23					
Oklahoma City	15c,	16,	24,	27,	*32,	33,
	39,	42,	50,	51		
Okmulgee	28					
Shawnee	29					
Tulsa	22,	*38,	42c,	48c,	49,	55,
	56,	58				

OREGON

Community	Channel No.					
Bend	*11,	18				
Coos Bay	21,	22				
Corvallis	*39					
Eugene	14,	17c,	25,	*29c,	31	
Klamath Falls	29,	*33,	40			
La Grande	*5					

Medford	15,	27c,	35,	38,	*42	
Pendleton	8					
Portland	*27,	30,	40,	43,	45,	6
Roseburg	18,	19,	45			
Salem	20,	33c				

PENNSYLVANIA

Community	Channel No.					
Allentown	46,	*62c				
Altoona	24c,	32,	46			
Bethlehem	59c					
Clearfield	*15					
Erie	16,	22,	*50,	52,	58	
Greensburg	50					
Harrisburg	4,	*36,	57			
Hazleton	9					
Johnstown	29,	30,	34			
Lancaster	23,	58				
Philadelphia	26,	32,	*34,	42,	54,	64c,
	67					
Pittsburgh	25c,	*26c,	*38,	42,	43,	48,
	51					
Reading	25					
Red Lion	30					
Scranton	13,	31,	32,	*41,	49	
Wilkes-barre	11					
Williamsport	29					
York	47					

RHODE ISLAND

Community	Channel No.				
Block Island	17c				
Providence	13c,	*21,	51,	54c	

SOUTH CAROLINA

Community	Channel No.
Allendale	*33

Anderson	14					
Beaufort	*44					
Charleston	35,	40,	*49,	52,	53,	59
Columbia	8,	17,	*32,	41,	48	
Conway	*58					
Florence	16c,	20,	*45,	56		
Greenville	*9,	35,	59			
Greenwood	*18					
Hardeeville	27					
Myrtle Beach	18					
Rock Hill	15,	39				
Spartanburg	43,	53				
Sumter	*28c,	38				

SOUTH DAKOTA

Community	Channel No.
Aberdeen	*17c, 28
Brookings	*18
Eagle Butte	*25
Florence	25
Huron	22
Lead	29, 30
Lowry	*15
Martin	*23
Mitchell	26
Pierre	19, *21
Rapid City	16c, 18, 22, *26
Reliance	14
Sioux Falls	7, *24c, 29, 32, 40, 47c
Vermillion	*34

TENNESSEE

Community	Channel No.
Chattanooga	*29, 35, 40, 47, 55
Cleveland	42
Cookeville	36, *52
Crossville	50
Greeneville	38
Hendersonville	51c

Jackson	39,	43				
Jellico	23					
Johnson City	58					
Kingsport	27					
Knoxville	*17,	26,	30,	31,	34	
Lebanon	44					
Lexington	*47					
Memphis	25c,	28,	*29c,	31c,	51c,	52,
	53					
Murfreesboro	38					
Nashville	10,	15,	21,	23,	27,	*46,
	56					
Sneedville	*41					

TEXAS

Community	Channel No.					
Abilene	24,	29				
Alvin	36					
Amarillo	9,	15c,	19,	*21,	23	
Arlington	42					
Austin	21,	*22,	33,	43c,	49,	56
Baytown	41					
Beaumont	21,	*33,	50			
Belton	47c					
Big Spring	33					
Brownsville	24c					
Bryan	29c,	59				
College Station	*12					
Conroe	5,	42				
Corpus Christi	18,	*23,	27,	47,	50	
Dallas	9c,	*14,	32,	35,	36,	40c,
	45					
Decatur	30c					
Del Rio	28					
Denton	*43					
Eagle Pass	18					
El Paso	15c,	16,	17,	18,	25,	*30,
	*39c,	51				
Fort Worth	18,	19,	41,	51		
Galveston	*23c,	47				
Garland	24c					

Greenville	46					
Harlingen	31,	*34,	38			
Houston	*9c,	19,	*24,	27c,	31,	32,
	35,	38,	44c			
Irving	48					
Jacksonville	22					
Katy	52c					
Kerrville	32					
Killeen	23					
Lake Dallas	54					
Laredo	14,	15,	19			
Llano	27					
Longview	52c					
Lubbock	25,	27,	35c,	38,	*39,	43
Lufkin	43					
McAllen	46					
Midland	26					
Nacogdoches	18					
Odessa	15,	*22,	23,	31,	43c	
Port Arthur	40					
Rio Grande City	20					
Rosenberg	46c					
San Angelo	11,	16,	19			
San Antonio	*16,	*20,	30c,	38,	39,	48,
	55,	58				
Sherman	20					
Snyder	10					
Sweetwater	20					
Temple	50					
Texarkana	15					
Tyler	38					
Victoria	15,	34				
Waco	*20,	26c,	53,	57		
Weslaco	13					
Wichita Falls	15,	22,	28			

UTAH

Community	Channel No.
Cedar City	14
Ogden	29, *34
Provo	17c, *39

Salt Lake City	27,	28,	35,	38,	40,	*42
St. George	9					

VIRGINIA

Community	Channel No.					
Arlington	15c					
Ashland	47					
Bristol	28					
Charlottesville	*14,	32				
Danville	41					
Fairfax	*57c					
Front Royal	*21					
Goldvein	*30					
Grundy	49					
Hampton	41					
Hampton-norfolk	*16c					
Harrisonburg	49					
Lynchburg	20,	56				
Manassas	43c					
Marion	*42					
Norfolk	38,	46,	58			
Norton	*32					
Petersburg	22c					
Portsmouth	19,	31				
Richmond	*24c,	25,	26,	*44,	54	
Roanoke	*3,	17,	18,	30,	36	
Staunton	*11					
Virginia Beach	29					

VERMONT

Community	Channel No.				
Burlington	16,	*32,	43,	53	
Hartford	25				
Rutland	*56				
St. Johnsbury	*18				
Windsor	*24				

WASHINGTON

Community	Channel No.					
Bellevue	32,	50				
Bellingham	19,	35				
Centralia	*19					
Everett	31					
Kennewick	44					
Pasco	18					
Pullman	*17					
Richland	26c,	*38				
Seattle	25,	38,	39,	*41,	44,	48
Spokane	13,	15,	20,	30,	36,	*39
Tacoma	14,	18,	*27,	36,	*42	
Vancouver	48					
Wenatchee	46c					
Yakima	14,	16,	*21,	33		

WISCONSIN

Community	Channel No.					
Appleton	59					
Chippewa Falls	49c					
Eagle River	28					
Eau Claire	15,	39				
Fond Du Lac	44					
Green Bay	23,	41,	*42,	51,	56	
Janesville	32					
Kenosha	40					
La Crosse	14,	17,	*30,	53		
Madison	11,	19,	*20,	26,	50	
Manitowoc	19					
Mayville	43					
Menomonie	*27					
Milwaukee	*8,	22,	25c,	28,	33,	34,
	*35,	46,	61			
Park Falls	*47					
Racine	48					
Rhineland	16					
Superior	19					
Suring	21					
Wausau	*24,	29,	40			

WEST VIRGINIA

Community	Channel No.		
Bluefield	14,	46	
Charleston	19,	39,	41
Clarksburg	28,	52	
Grandview	*53		
Huntington	23,	*34c,	54
Lewisburg	48		
Martinsburg	12		
Morgantown	*33		
Oak Hill	50		
Parkersburg	49		
Weston	58		
Wheeling	32		

WYOMING

Community	Channel No.		
Casper	15c,	17,	18
Cheyenne	11,	28c,	30
Jackson	14		
Lander	7,	*8	
Rawlins	9		
Riverton	16		
Rock Springs	21		
Sheridan	21		

GUAM

Community	Channel No.		
Agana	2,	4,	5
Tamuning	17		

PUERTO RICO

Community	Channel No.		
Aguada	62		
Aguadilla	17c,	*34,	69

Arecibo	53,	61c				
Bayamon	59c					
Caguas	56,	*57				
Carolina	51					
Fajardo	*16c,	33				
Guayama	45					
Humacao	49					
Mayaguez	23c,	29c,	35c,	63		
Naranjito	65c					
Ponce	15c,	19,	*25,	43c,	47,	66
San Juan	21,	27c,	28,	31c,	32,	*55c
San Sebastian	39c					
Yauco	41c					

VIRGIN ISLANDS

Community	Channel No.
Charlotte Amalie	*44, 48, 50
Christiansted	20

(c) Availability of channels. Applications may be filed to construct DTV broadcast stations only on the channels designated in the DTV Table of Allotments set forth in paragraph (b) of this section, and only in the communities listed therein. Applications that fail to comply with this requirement, whether or not accompanied by a petition to amend the DTV Table, will not be accepted for filing. However, applications specifying channels that accord with publicly announced FCC Orders changing the DTV Table of Allotments will be accepted for filing even if such applications are tendered before the effective dates of such channel change. An application for authority to construct a DTV station on an allotment in the initial DTV table may only be filed by the licensee or permittee of the analog TV station with which that initial allotment is paired, as set forth in Appendix B of the Memorandum Opinion and Order on Reconsideration of the Sixth Report and Order in MM Docket 87-268, FCC 98-24 (Memorandum Opinion and Order) adopted January 29, 1998. Copies of the Memorandum Opinion and Order may be inspected during normal business hours at the: Federal Communications Commission, 1919 M St., N.W., Dockets Branch (Room 239), Washington, DC, 20554. This document is also available through the Internet on the FCC Home Page at <http://www.fcc.gov>. Applications may also be filed to implement an exchange of channel allotments between two or more licensees or permittees of analog TV stations in the same community, the same market, or in adjacent markets provided, however, that the other requirements of this section and of section 73.623 are met with respect to each such application.

(d) Reference points and distance computations.

(1) The reference coordinates of a DTV allotment included in the initial DTV Table of Allotments are the coordinates of the authorized transmitting antenna site of the associated analog TV station, as set forth in Appendix B of the Memorandum Opinion and Order (referenced above). An

application for authority to construct or modify DTV facilities on such an allotment may specify an alternate location for the DTV transmitting antenna that is within 5 kilometers of the DTV allotment reference coordinates without consideration of electromagnetic interference to other DTV or analog TV broadcast stations, allotments or applications, provided the application complies with paragraph (f)(2) of this section. Location of the transmitting antenna of such a station at a site more than 5 kilometers from the DTV allotment reference coordinates must comply with the provisions of section 73.623(c). In the case where a DTV station has been granted authority to construct more than 5 kilometers from its reference coordinates pursuant to section 73.623(c), and its authorized coverage area extends in any azimuthal direction beyond the DTV coverage area determined for the DTV allotment reference facilities, then the coordinates of such authorized site are to be used in addition to the coordinates of the DTV allotment to determine protection from new DTV allotments pursuant to section 73.623(d) and from subsequent DTV applications filed pursuant to section 73.623(c).

(2) The reference coordinates of a DTV allotment not included in the initial DTV Table of Allotments shall be the authorized transmitter site, or, where such a transmitter site is not available for use as a reference point, the coordinates as designated in the FCC order modifying the DTV Table of Allotments.

* * * * *

(e) DTV Service Areas.

(1) The service area of a DTV station is the geographic area within the station's noise-limited F(50,90) contour where its signal strength is predicted to exceed the noise-limited service level. The noise-limited contour is the area in which the predicted F(50,90) field strength of the station's signal, in dB above 1 microvolt per meter (dBu) as determined using the method in section 73.625(d), exceeds the following levels (these are the levels at which reception of DTV service is limited by noise):

	dBu
Channels 2-6	28
Channels 7-13	36
Channels 14-69	41

Within this contour, service is considered available at locations where the station's signal strength, as predicted using the terrain dependent Longley-Rice point-to-point propagation model, exceeds the levels above. Guidance for evaluating coverage areas using the Longley-Rice methodology is provided in OET Bulletin No. 69. Copies of OET Bulletin No. 69 may be inspected during normal business hours at the: Federal Communications Commission, 1919 M St., N.W., Dockets Branch (Room 239), Washington, DC, 20554. This document is also available through the Internet on the FCC Home Page at <http://www.fcc.gov>.

Note to paragraph (e)(1): During the transition, in cases where the assigned power of a UHF DTV station in the initial DTV Table is 1000 kW, the Grade B contour of the associated analog television station, as authorized on April 3, 1997, shall be used instead of the noise-limited contour of the DTV station in determining the DTV station's service area. In such cases, the DTV service area is the geographic area within the station's analog Grade B contour where its DTV signal strength is predicted to exceed the noise-limited service level, *i.e.* 41 dB, as determined using the Longley-Rice methodology.

(2) For purposes of determining whether interference is caused to a DTV station's service area, the maximum technical facilities, *i.e.*, antenna height above average terrain (antenna HAAT) and effective radiated power (ERP), specified for the station's allotment are to be used in determining its service area.

(f) DTV maximum power and antenna heights.

(1) The maximum, or reference, effective radiated power (ERP) and antenna height above average terrain (antenna HAAT) for an allotment included in the initial DTV Table of Allotments are set forth in Appendix B of the Memorandum Opinion and Order (referenced above). In each azimuthal direction, the reference ERP value is based on the antenna HAAT of the corresponding analog TV station and achieving predicted coverage equal to that analog TV station's predicted Grade B contour, as defined in section 73.683.

(2) An application for authority to construct or modify DTV facilities will not be subject to further consideration of electromagnetic interference to other DTV or analog TV broadcast stations, allotments or applications, provided that:

(i) The proposed ERP in each azimuthal direction is equal to or less than the reference ERP in that direction; and

(ii) The proposed antenna HAAT is equal to or less than the reference antenna HAAT or the proposed antenna HAAT exceeds the reference antenna HAAT by 10 meters or less and the reference ERP in paragraph (i) above is adjusted in accordance with paragraph (f)(3) of this section; and

(iii) The application complies with the location provisions in paragraph (d)(1) of this section.

(3) A DTV station may increase its antenna HAAT by up to 10 meters from that specified in Appendix B if it reduces its DTV power to a level at or below the level of adjusted DTV power computed in the following formula:

$$\text{ERP adjustment in dB} = 20\log(H_1/H_2)$$

where H_1 = Reference antenna HAAT specified in the DTV Table, and
 H_2 = Actual antenna HAAT

Alternatively, a DTV application that specifies an antenna HAAT within 25 meters below that specified in Appendix B may adjust its power upward to a level at or below the adjusted DTV power in accordance with the above formula without an interference showing. For a proposed antenna more than 25 meters below the reference antenna HAAT, the DTV station may increase its ERP up

to the level permitted for operation with an antenna that is 25 meters below the station's reference antenna HAAT.

(4) UHF DTV stations may request an increase in power, up to a maximum of 1000 kW ERP, to enhance service within their authorized service area through use of antenna beam tilting in excess of 1 degree, as follows:

(i) Field strengths at the outer edge of the station's service area shall be no greater than the levels that would exist if the station were operating at its assigned DTV power.

(ii) Where a station operates at higher power under the provisions of this paragraph, its field strengths at the edge of its service area are to be calculated assuming 1 dB of additional antenna gain over the antenna gain pattern specified by the manufacturer.

(iii) Where a first adjacent channel DTV station or allotment is located closer than 110 km or a first adjacent channel analog TV station is located closer than 106 km from the proposed transmitter site, the application must be accompanied by a technical showing the proposed operation complies with the technical criteria in section 73.623(c) and thereby will not result in new interference exceeding the *de minimis* standard for new interference set forth in that section, or statements from affected stations agreeing to the proposed operation in accordance with section 73.623(f).

(iv) A licensee desiring to operate at higher power under these provisions shall submit, with its initial application for a DTV construction permit or subsequent application to modify its DTV facilities, an engineering analysis demonstrating that the predicted field strengths and predicted interference within its service area would comport with the requirements of this paragraph. The licensee also must notify, by certified mail, all stations that could potentially be affected by such operation at the time the station files its application for a construction permit or modification of facilities. Potentially affected stations to be notified include stations on co-channel and first-adjacent channel allotments that are located at distances less than the minimum geographic spacing requirements in section 73.623(d)(2). For example, in Zone I a co-channel DTV station within 196.3 km or a first adjacent channel DTV station within 110 km must be notified. A station that believes that its service is being affected beyond the *de minimis* standard set forth in section 73.623(c) may file an informal objection with the Commission. Such an informal objection shall include an engineering analysis demonstrating that additional impermissible interference would occur. The Commission may condition grant of authority to operate at increased power pursuant to this provision on validation of actual performance through field measurements.

(5) Licensees and permittees assigned a DTV channel in the initial DTV Table of Allotments may request an increase in either ERP in some azimuthal direction or antenna HAAT, or both, that exceed the initial technical facilities specified for the allotment in Appendix B of the Memorandum Opinion and Order (referenced above), up to the maximum permissible limits on DTV power and antenna height set forth in paragraphs (f)(6), (f)(7), or (f)(8) of this section, as appropriate, or up to that needed to provide the same geographic coverage area as the largest station within their market, whichever would allow the largest service area. Such requests must be accompanied by a technical showing that the increase complies with the technical criteria in section 73.623(c), and thereby will not result in new interference exceeding the *de minimis* standard set forth in that section, or statements agreeing to the change from any co-channel or adjacent channel stations that might be affected by potential new interference, in accordance with section 73.623(f). In the case where a DTV station has been granted authority to construct pursuant to section 73.623(c), and its authorized